

Title (en)

POROUS CERAMIC MATERIAL HAVING A MACROPOROSITY CONTROLLED BY LAYERING PORE-FORMING AGENTS

Title (de)

PORÖSES KERAMIKMATERIAL MIT DURCH SCHICHTUNG VON PORENBILDUNGSMITTELN GESTEUERTER MAKROPOROSITÄT

Title (fr)

MATIÈRE POREUSE CÉRAMIQUE PRÉSENTANT UNE MACROPOROSITÉ CONTRÔLÉE PAR EMPILEMENT DE POROGÈNES

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Application

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Abstract (en)

[origin: WO2011015751A1] The invention relates to a porous ceramic material, including: a microstructure including a material with a crystalline xonotlite and/or tobermorite structure, said material being crystallized in the form of needles connected to each other so as to provide therebetween a pore diameter D95 that is greater than or equal to 0.4 µm and less than 5 µm, and a mean pore diameter D50 that is greater than or equal to 0.4 µm and less than 1.5 µm, preferably 0.4 to 1 µm; and a macrostructure consisting of a continuous and/or discontinuous layering of macropores.

IPC 8 full level

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